

Electronic Information Disclosure Statement



APPARATUS AND METHOD FOR CONNECTING AND DISCONNECTING FLEXIBLE TUBING

Application:



10/061835

Confirmation: 9493

Applicant(s): Frank Landherr

Docket

DI-5771

Number:

Group Art

1734

Unit:

Examiner:

search string: (3063890 or 3542712 or 3645939 or 3725174 or 3734819 or 3763073 or 3767633 or 3956230 or 4029850 or 4037020 or 4046728 or 4071494 or 4089726 or 4126504 or 4210567 or 4230774 or 4316832 or 4322516 or 4327726 or 4410026 or 4417753 or 4495312 or 4516977 or 4525234 or 4587289 or 4601948 or 4650220 or 4664658 or 4687474 or 4707389 or 4720524 or 4723947 or 4725641 or 4726960 or 4739012 or 4740017 or 4771106 or 4784409 or 4848801 or 4865902 or 4880873 or 4900771 or 4927184 or 4948643 or 5039768 or 5088994 or 5135600 or 5166269 or 5179496 or 5248562).pn.

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US Patent Documents

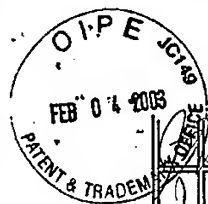
Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	3063890	1962-11-13		Saumsiegle	1	1
	P02	3542712	1970-11-24		Gorton et al.	1	1
	P03	3645939	1972-02-29		Gaylord et al.	1	1



P04	3725174	1973-04-03	Gaylord et al.
P05	3734819	1973-05-22	Knutson
P06	3763073	1973-10-02	Knutson
P07	3767633	1973-10-23	Dietrich
P08	3956230	1976-05-11	Gaylord
P09	4029850	1977-06-14	Ishii et al.
P10	4037020	1977-07-19	Ishii et al.
P11	4046728	1977-09-06	Harmuth
P12	4071494	1978-01-31	Gaylord
P13	4089726	1978-05-16	Ishii et al.
P14	4126504	1978-11-21	Wolinski et al.
P15	4210567	1980-07-01	Kosters
P16	4230774	1980-10-28	Watts et al.
P17	4316832	1982-02-23	Walkden
P18	4322516	1982-03-30	Wiest et al.
P19	4327726	1982-05-04	Kwong et al.
P20	4410026	1983-10-18	Boggs et al.
P21	4417753	1983-11-29	Bacehowski et al.
P22	4495312	1985-01-22	Hata et al.
P23	4516977	1985-05-14	Herbert
P24	4525234	1985-06-25	Herold et al.
P25	4587289	1986-05-06	Comert
P26	4601948	1986-07-22	Lancaster et al.
P27	4650220	1987-03-17	Grabowski
P28	4664658	1987-05-12	Sawada et al.
P29	4687474	1987-08-18	Takanashi
P30	4707389	1987-11-17	Ward
P31	4720524	1988-01-19	Ohmae et al.
P32		1988-02-09	Konopka

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	4723947			
P33	4725641	1988-02-16		Comert et al.
P34	4726960	1988-02-23		Sawada et al.
P35	4739012	1988-04-19		Hagman
P36	4740017	1988-04-26		Grabowski
P37	4771106	1988-09-13		Ohmae et al.
P38	4784409	1988-11-15		Piechowiak
P39	4848801	1989-07-18		Grabowski
P40	4865902	1989-09-12		Golike et al.
P41	4880873	1989-11-14		Sagane
P42	4900771	1990-02-13		Gerace et al.
P43	4927184	1990-05-22		Bourjot et al.
P44	4948643	1990-08-14		Mueller
P45	5039768	1991-08-13		Gerace et al.
P46	5088994	1992-02-18		Porat et al.
P47	5135600	1992-08-04		Ishida
P48	5166269	1992-11-24		Wietsma et al.
P49	5179496	1993-01-12		Mimura
P50	5248562	1993-09-28		Palermo et al.

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Examiner Name	Date
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Application: 
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Group Art
Unit: 1734

Examiner:

search string: (5250607 or 5274035 or 5324233 or 5336351 or 5356709 or 5367010 or 5385979 or 5391610 or 5407742 or 5439454 or 5460625 or 5476718 or 5484375 or 5486210 or 5492963 or 5534591 or 5601889 or 5620738 or 5656345 or 5686527 or 5693387 or 5810792 or 5821293 or 5824724 or 5849843 or 5854347 or 5877236 or 5921587 or 5922798 or 5935847 or 5964261 or 5993949 or 5998019 or 6004417 or 6024220 or 6083584 or 6149997 or 6168862 or 6225404 or 6261655 or 6296730 or 6297046 or 6302151 or 6333122 or 6368315 or 6399704 or 6465068).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
<input checked="" type="checkbox"/>	P01	5250607	1993-10-05		Comert et al.		
<input checked="" type="checkbox"/>	P02	5274035	1993-12-28		Chundury		
<input checked="" type="checkbox"/>	P03	5324233	1994-06-28		Owensby et al.		



P04	5336351	1994-08-09	Meyers
P05	5356709	1994-10-18	Woo et al.
P06	5367010	1994-11-22	Gervase et al.
P07	5385979	1995-01-31	Osawa et al.
P08	5391610	1995-02-21	Comert et al.
P09	5407742	1995-04-18	Tavss et al.
P10	5439454	1995-08-08	Lo et al.
P11	5460625	1995-10-24	Johnson
P12	5476718	1995-12-19	Ichizuka et al.
P13	5484375	1996-01-16	Owensby et al.
P14	5486210	1996-01-23	Kerr et al.
P15	5492963	1996-02-20	Ozawa et al.
P16	5534591	1996-07-09	Ozawa et al.
P17	5601889	1997-02-11	Chundury et al.
P18	5620738	1997-04-15	Fan et al.
P19	5656345	1997-08-12	Strand et al.
P20	5686527	1997-11-11	Laurin et al.
P21	5693387	1997-12-02	Rosenbaum et al.
P22	5810792	1998-09-22	Fangrow et al.
P23	5821293	1998-10-13	Roesch et al.
P24	5824724	1998-10-20	Roesch et al.
P25	5849843	1998-12-15	Laurin et al.
P26	5854347	1998-12-29	Laurin et al.
P27	5877236	1999-03-02	Roesch et al.
P28	5921587	1999-07-13	Lueghamer
P29	5922798	1999-07-13	Roesch et al.
P30	5935847	1999-08-10	Smith et al.
P31	5964261	1999-10-12	Neuenfeldt et al.

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P32	5993949	1999-11-30	Smith et al.
P33	5998019	1999-12-07	Rosenbaum et al.
P34	6004417	1999-12-21	Roesch et al.
P35	6024220	2000-02-15	Smith et al.
P36	6083584	2000-07-04	Smith et al.
P37	6149997	2000-11-21	Patel et al.
P38	6168862	2001-01-02	Rosenbaum et al.
P39	6225404	2001-05-01	Sorensen et al.
P40	6261655	2001-07-17	Rosenbaum et al.
P41	6296730	2001-10-02	Williams et al.
P42	6297046	2001-10-02	Smith et al.
P43	6302151	2001-10-16	Maitay
P44	6333122	2001-12-25	Furukawa et al.
P45	6368315	2002-04-09	Gillis et al.
P46	6399704	2002-06-04	Laurin et al.
P47	6465068	2002-10-15	Patel et al.

Signature

Examiner Name	Date
<i>Ph T Haran</i>	<i>1/8/04</i>

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 112713-115	Application No. 10/061,835
	Applicant Landherr et al.	
	Filing Date January 31, 2002	Group 1734

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
Examiner's Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	FR1471450	03-03-67	France				
	JP72044977	11-1972	Japan				
	IP 46042639	12-16-71	Japan				
	JP 48089236	11-21-73	Japan				
	JP 75016826	06-16-75	Japan				
	JP 57150533	09-17-82	Japan				
	WO 8300699	03-03-83	PCT				
	JP 58124648	07-25-83	Japan				
	JP 58132552	08-06-83	Japan				
	CA 1205783	06-10-86	Canada				
	JP 62244614	10-26-87	Japan				
	JP 63126709	05-30-88	Japan				
	EP 307546	03-22-89	Europe				
	JP 1210486	08-24-89	Japan				
	JP 2113052	04-25-90	Japan				
	JP 02269753 A2	11-05-90	Japan				
	EP 418772	03-27-91	Europe				
	JP 3120042	05-22-91	Japan				
	CN 1052131	06-12-91	China				
	JP 3177682	08-01-91	Japan				
	JP 4208419	07-30-92	Japan				
	JP 5042640	02-23-93	Japan				

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Examiner: <i>J. H. T. A.</i>	Date Considered: <i>1/8/04</i>
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**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

PTO Form 1449

Atty Docket No. 112713-115	Application No. 10/061,835
Applicant Landherr et al.	
Filing Date January 31, 2002	Group 1734

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	JP 5124146	05-21-93	Japan				
	WO 9315908 A1	08-19-93	PCT				
	JP 08003526 A2	01-06-96	Japan				
	JP 08003527 A2	01-09-96	Japan				
	WO 9604704	02-15-96	PCT				
	JP 08295862 A2	11-12-96	Japan				
	EP 564231 B1	05-14-97	Europe				
	WO 9836902 A1	08-27-98	PCT				
	WO 9924242 A1	05-20-99	PCT				
	BR 9705844	06-29-99	Brazil				
	WO 200005316	02-03-00	PCT				
	JP 2000170967	06-23-00	Japan				
	JP 2000301592	10-31-00	Japan				
	JP 2000344852 A2	12-12-00	Japan				
	WO 200146332 A1	06-28-01	PCT				
	WO 200160586 A1	08-23-01	PCT				
	WO 200166662	09-13-01	PCT				
	WO 200185417	11-15-01	PCT				
	JP 2002146303 A2	05-22-02	Japan				

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TC 1700

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner's Initials	
	Search Report dated July 5, 2002.

Examiner: <i>John T. Haran</i>	Date Considered: <i>1/18/04</i>
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Atty Docket No. 112713-115	Application No.
PTO Form 1449		Applicant Frank Landherr et al.	Filing Date January 31, 2002
		Group	3763

U.S. PATENT DOCUMENTS

Examiner's Initials		Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate
JTH	A1	4,737,214	04/12/88	Leurink, Odoorn et al.			
	A2	4,827,099	05/02/89	Krebs, Hamm et al.			
	A3	5,188,697	02/23/93	Lueghamer et al.			
	A4	5,371,767	12/06/94	William E. Pirl			
	A5	5,410,131	04/25/95	Brunet et al.			
	A6	5,464,496	11/07/95	Wilson et al.			
	A7	5,518,575	05/21/96	T. Watanabe			
	A8	5,520,218	05/28/96	D. Hlavinka et al.			
	A9	5,554,253	09/10/96	T. Watanabe			
	A10	5,749,414	05/12/98	H. Damsohn et al.			
	A11	5,802,689	09/08/98	H. Sano			
	A12	5,968,380	10/19/99	T. Hayashi			
	A13	6,004,311	12/21/99	K. Heilmann et al.			
	A14	6,026,882	02/22/00	Y. Yamada et al.			
	A15	6,251,202	06/26/01	John F. Murphy			
	A16	6,270,599	08/07/01	John Wood			
	A17	6,293,594	09/25/01	Safarevich et al.			
	A18	6,299,596	10/9/01	Ni Ding			
	A19	6,308,882	10/30/01	Shuster et al.			
	A20	6,132,833	10/17/00	D. Spencer			
	A21	5,928,216	07/27/99	D. Spencer			
	A22	6,071,690	06/06/00	D. Spencer			
	A23	5,855,731	01/05/99	D. Spencer			
	A24	5,871,612	02/16/99	D. Spencer			
	A25	5,733,268	03/31/98	D. Spencer			
	A26	5,919,173	07/06/99	D. Spencer			
	A27	5,141,592	08/25/92	D. Spencer, et al.			
JTH	A28	5,156,701	10/20/92	D. Spencer, et al.			

Examiner: <i>John T. Harman</i>	Date Considered: <i>11/8/04</i>
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 112713-115	Application No.
	Applicant Frank Landherr et al.	
	Filing Date January 31, 2002	Group 3763
	JUN 26 2002 U.S. PATENT OFFICE	

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date Appropriate
JTA	A29 5,158,630	10/27/92	D. Spencer, et al.			
	A30 5,209,800	05/11/93	D. Spencer, et al.			
JTA	A31 5,244,522	09/14/93	D. Spencer, et al.			
	A32 5,248,359	09/28/93	D. Spencer, et al.			
JTA	A33 5,256,229	10/26/93	D. Spencer			
	A34 5,279,685	01/18/94	D. Spencer, et al.			
JTA	A35 5,397,425	03/14/95	D. Spencer, et al.			
	A36 5,525,186	06/11/96	D. Spencer, et al.			
JTA	A37 5,632,852	05/27/97	D. Spencer, et al.			
	A38 5,674,333	10/07/97	D. Spencer			
JTA	A39 5,496,291	03/05/96	D. Spencer			
	A40 5,342,345	09/30/94	D. Spencer			
JTA	A41 4,619,642	10/28/86	D. Spencer			
	A42 5,037,395	08/06/91	D. Spencer			
JTA	A43 4,864,101	09/05/89	D. Spencer, et al.			
	A44 4,793,880	12/27/88	D. Spencer, et al.			
JTA	A45 4,897,138	01/30/90	D. Spencer, et al.			
	A46 4,770,735	09/13/88	D. Spencer, et al.			
JTA	A47 4,832,773	05/23/89	D. Spencer, et al.			
	A48 4,913,756	04/30/90	D. Spencer, et al.			
JTA	A49 4,933,036	06/12/90	D. Spencer, et al.			
	A50 4,753,697	06/28/88	D. Spencer, et al.			
JTA	A51 4,516,971	05/14/85	D. Spencer			
	A52 4,488,961	12/18/84	D. Spencer			
JTA	A53 4,610,670	09/09/86	D. Spencer			
	A54 4,507,119	03/26/85	D. Spencer			
JTA	A55 4,412,835	11/1/83	D. Spencer			
	A56 4,369,779	01/25/83	D. Spencer			

Examiner: <i>J. T. Raman</i>	Date Considered: <i>11/8/04</i>
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Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date
JTA	A57	4,496,362	01/29/85	Hendrik J. Leurink		
	A58	4,439,192	03/27/84	Hendrik J. Leurink		
	A59	4,663,032	05/05/87	Johannes A. Loos et al.		
	A60	5,061,451	10/29/91	Karlheinz Ganshirt et al.		
	A61	5,026,019	06/25/91	Frank T. Bickart et al.		
	A62	4,997,430	03/05/91	Johannes Van der Heiden et al.		
	A63	5,224,937	07/06/93	Johannes van der Heiden		
	A64	5,368,586	11/29/94	Johannes Van Der Heiden et al.		
	A65	5,254,825	10/19/93	Alex Schippers		
	A66	5,256,845	10/26/93	Alex Schippers		
	A67	5,272,304	12/21/93	Bernard W. Been et al.		
	A68	6,094,969	08/01/00	Johannes Antonius Loos et al.		
	A69	5,879,318	03/09/99	Johannes Van Der Heiden et al.		
	A70	6,022,344	02/08/00	Else Johanna Meijer		
	A71	Des. 357,926	05/02/95	D. Spencer, et al.		
JTA	A72	Des. 355,848	02/28/95	D. Spencer, et al.		

FOREIGN PATENT DOCUMENTS							
Examiner's Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
JTA	B1	WO 2001162314 A2	08/30/01	WIPO			
	B2	EP 1 064 960 A2	01/03/01	Europe			
	B3	EP 0 723 851 A2	07/31/96	Europe			
JTA	B4	EP 0 583 582 A1	02/23/94	Europe			

Examiner: <i>JTA</i>	Date Considered: <i>1/8/02</i>
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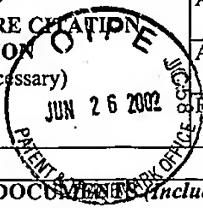
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FOREIGN PATENT DOCUMENTS							
Examiner's Initials		Document Number	Publication Date	Country	Class	Subclass	Translation Yes
JTK	B5	EP 0 619 175 A2	10/12/94	Europe	-		
	B6	EP 0 515 811 B1	08/02/00	Europe			
	B7	6-91010 - English Language Translation	04/05/94	Japan			
	B8	6-91011 - English Language Translation	04/05/94	Japan			
	B9	6-233817 - English Language Translation	08/23/94	Japan			
	B10	P2000-126288A - English Language Translation	05/09/00	Japan			
	B11	EP 0 725 134 A2	08/07/96	Europe			
	B12	EP 0 508 251 B1	08/02/95	Europe			
	B13	JP53014772A (Abstract)	02/09/78	Japan			
	B14	8 101 391 (Abstract)	10/18/82	Netherlands			
	B15	3 734 170 (Abstract)	04/20/89	Germany			
	B16	EP 0 406 485 A (Abstract)	01/09/91	Europe			
JTK	B17	EP 0 689 846 A1 (Abstract)	01/03/96	Europe	-	-	

Examiner's Initials		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
JTK	C1	Copy of web page http://www.cellrobotics.com/perslasette.html printed on August 3, 2001.
	C2	Copy of web page http://www.laserweld.com/laser-welding.html printed on March 21, 2001.
	C3	Copy of web page http://www.coherentic.com/html/about.html printed on March 21, 2001.
JTK	C4	Copy of web page www.dencoted.com .
	C5	LaseRevolution, Inc. web page printed March 21, 2001.
	C6	Joining Technologies LLC web page, "Electron Beam Welding", printed March 20, 2001.
	C7	Ebeam web page printed March 20, 2001.

Examiner: <i>JTK</i>	Date Considered: <i>1/8/02</i>
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Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
C8	Dimetrics, Inc. web page printed March 20, 2001.
C9	MRW web page printed March 20, 2001.
C10	Fresenius HemoCare, Inc. web page printed June 6, 2002.
C11	Industrial Microphotonics Company web page printed March 21, 2001.
C12	Joining Technologies web page, "Weld Joint Design", printed March 21, 2001.
C13	Electrox - Manufacturing Solutions web page printed March 21, 2001.
C14	TWI Technology web page printed March 21, 2001.
C15	Joining Technologies, "Laser Beam Welding", printed March 21, 2001.

Examiner: <i>[Signature]</i>	Date Considered: <i>1/8/02</i>
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